

APPROVED: **FIG. 1**
 BY: **CLAUDE SUSS**
 DRAFTSMAN
 JUL 31 2003
 PATENT & TRADEMARK OFFICE

In re: Pinco, et al.
 Serial No. 09/918,082
 Docket No. 60680-531
 For: PLUG BYPASS VALVES AND HEAT EXCHANGER
 DRAWING 1 OF 9 Filed: 07/30/01
 Express Mail: EU936173696US

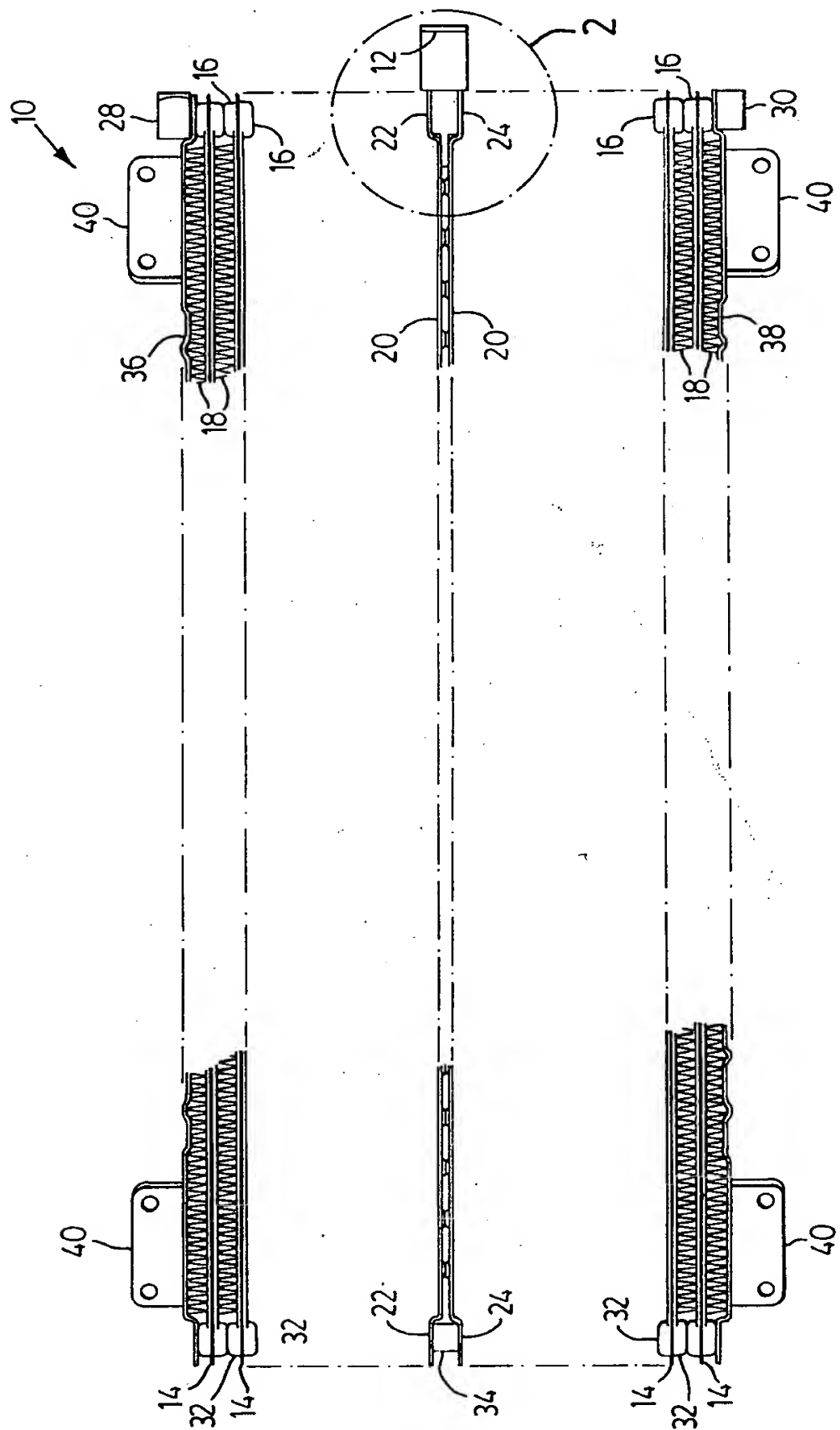


FIG. 1

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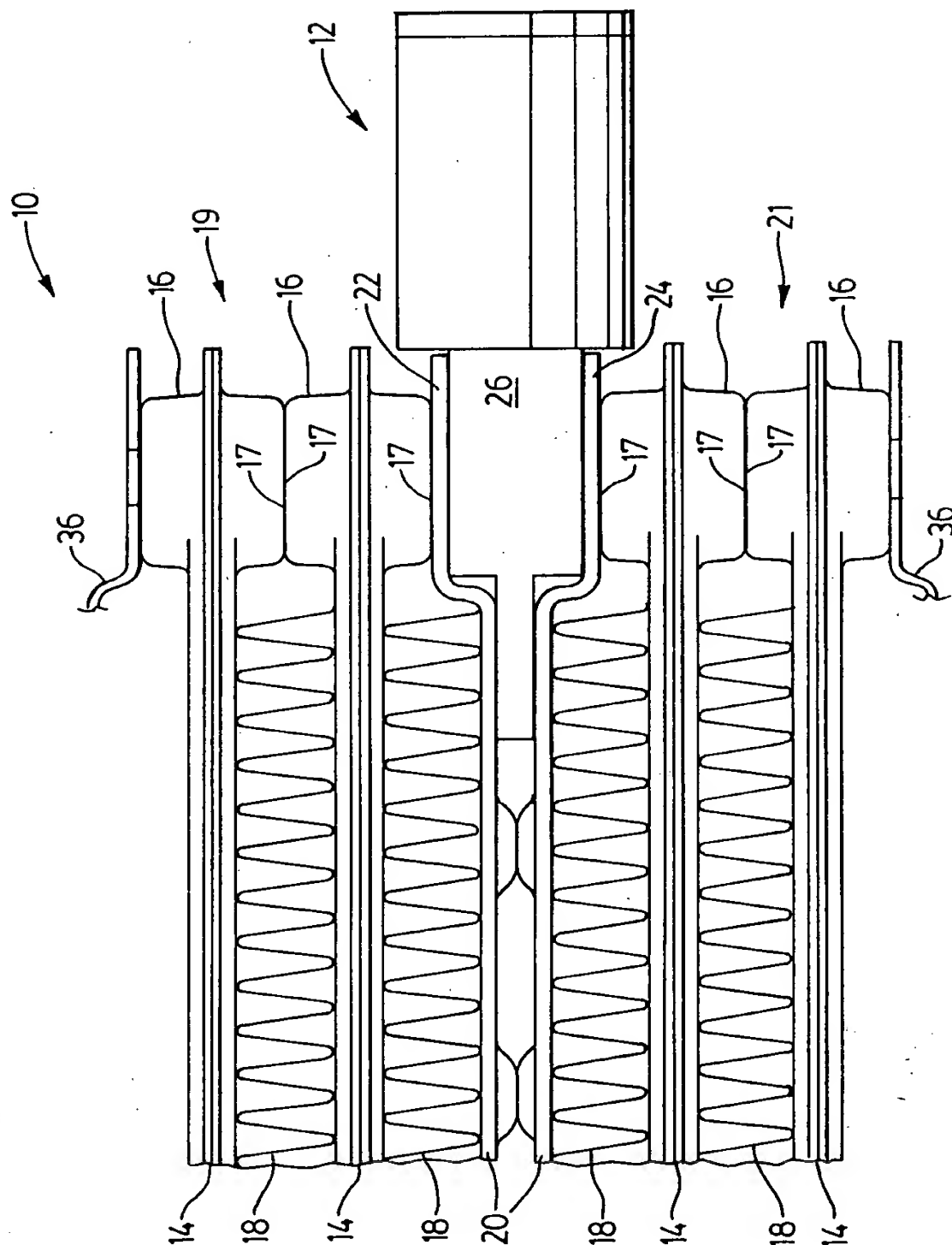


FIG. 2

APPROVED	3-9-FIG.
CLASS	SUBCLASS

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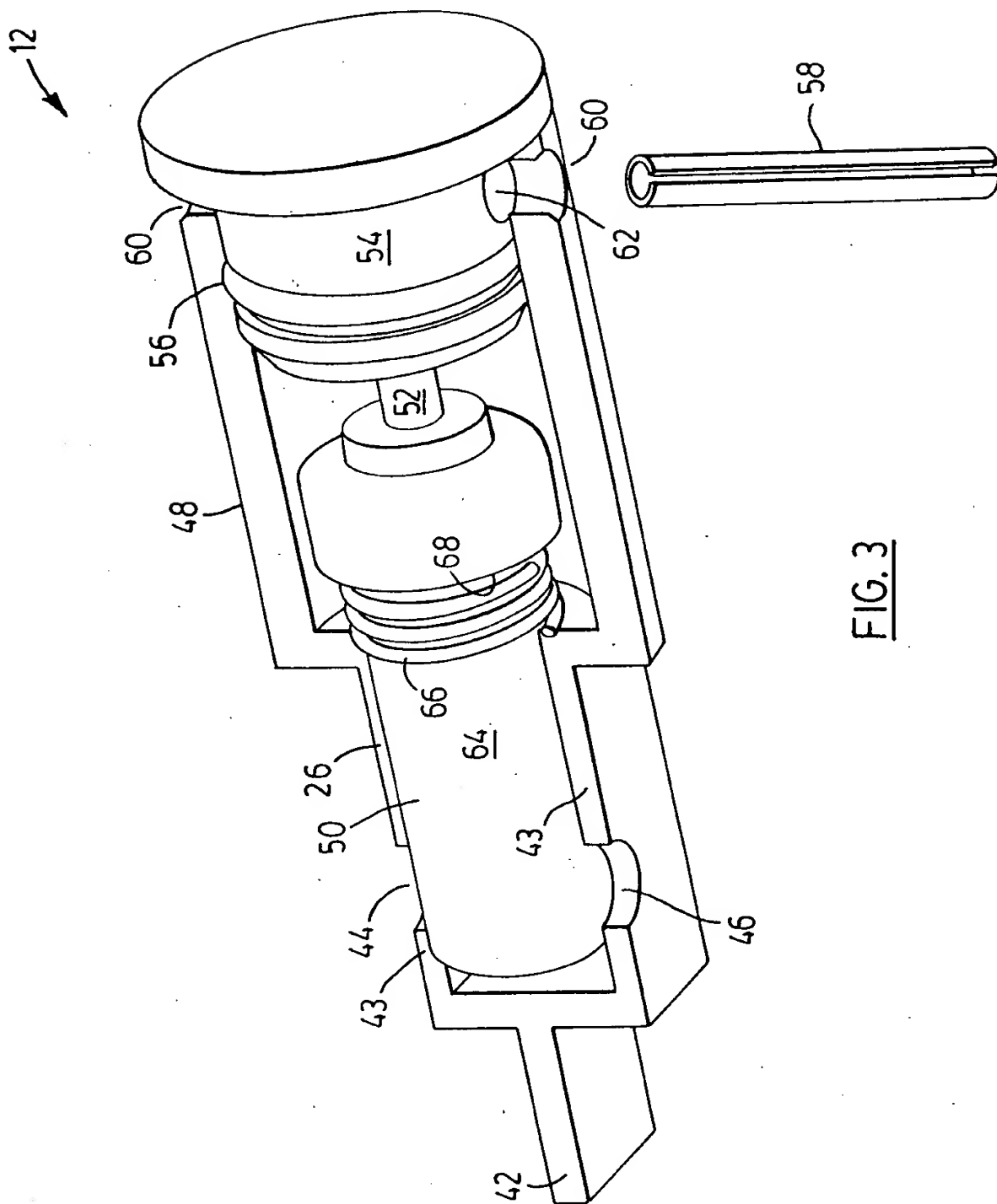


FIG. 3

APPROVED	FIG.
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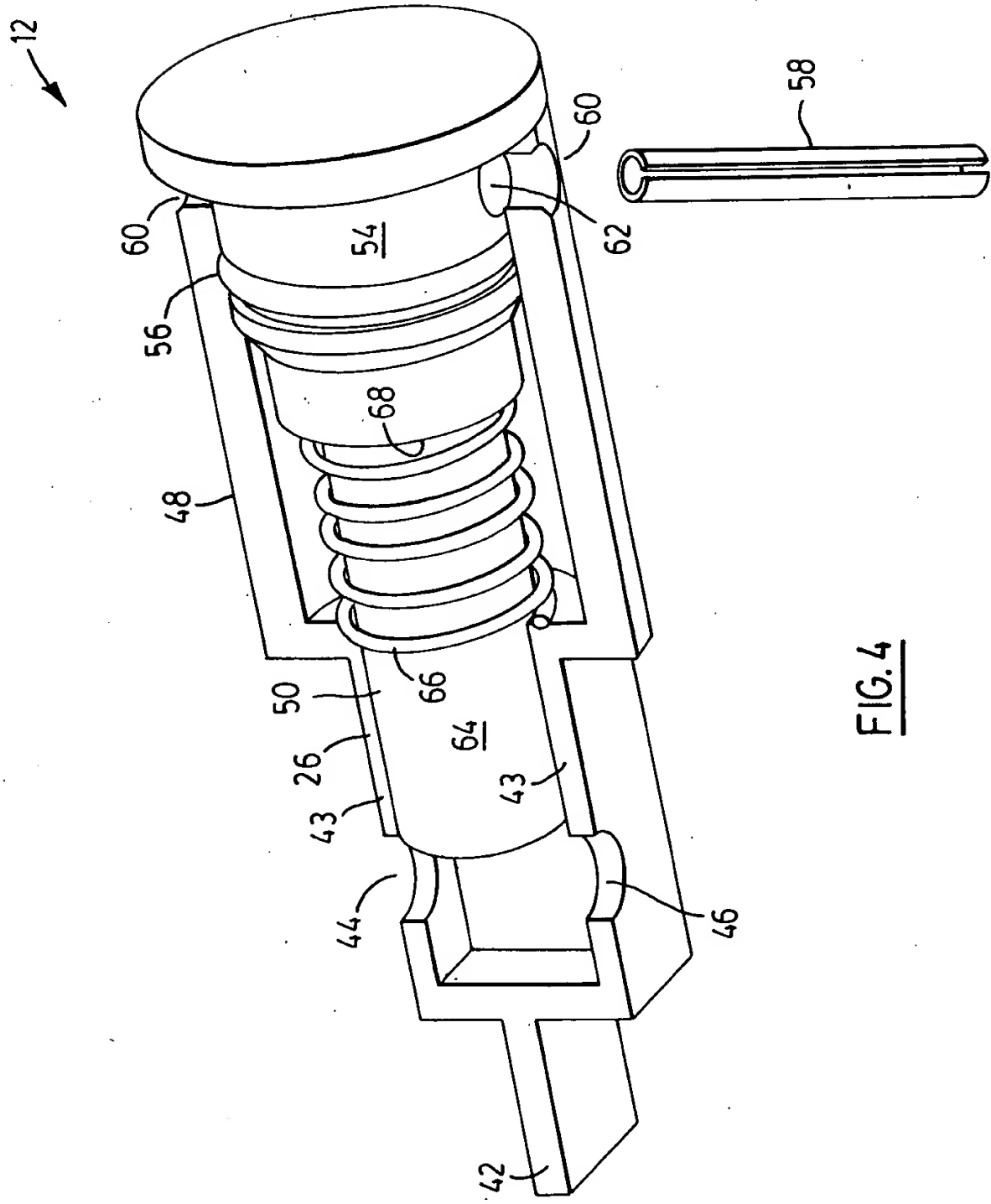
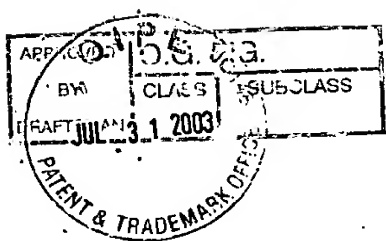


FIG. 4





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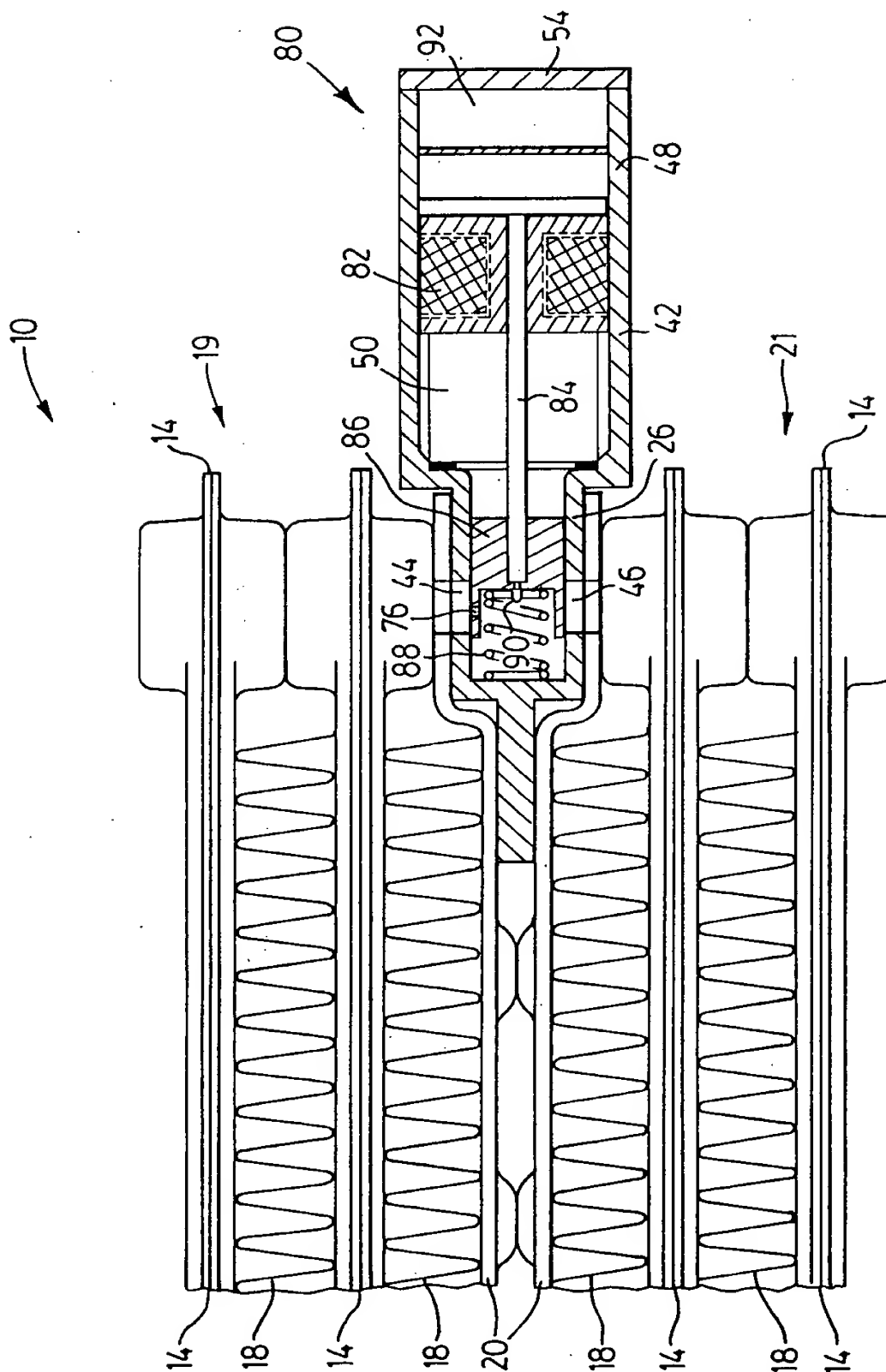


FIG. 6

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 CLASS 3
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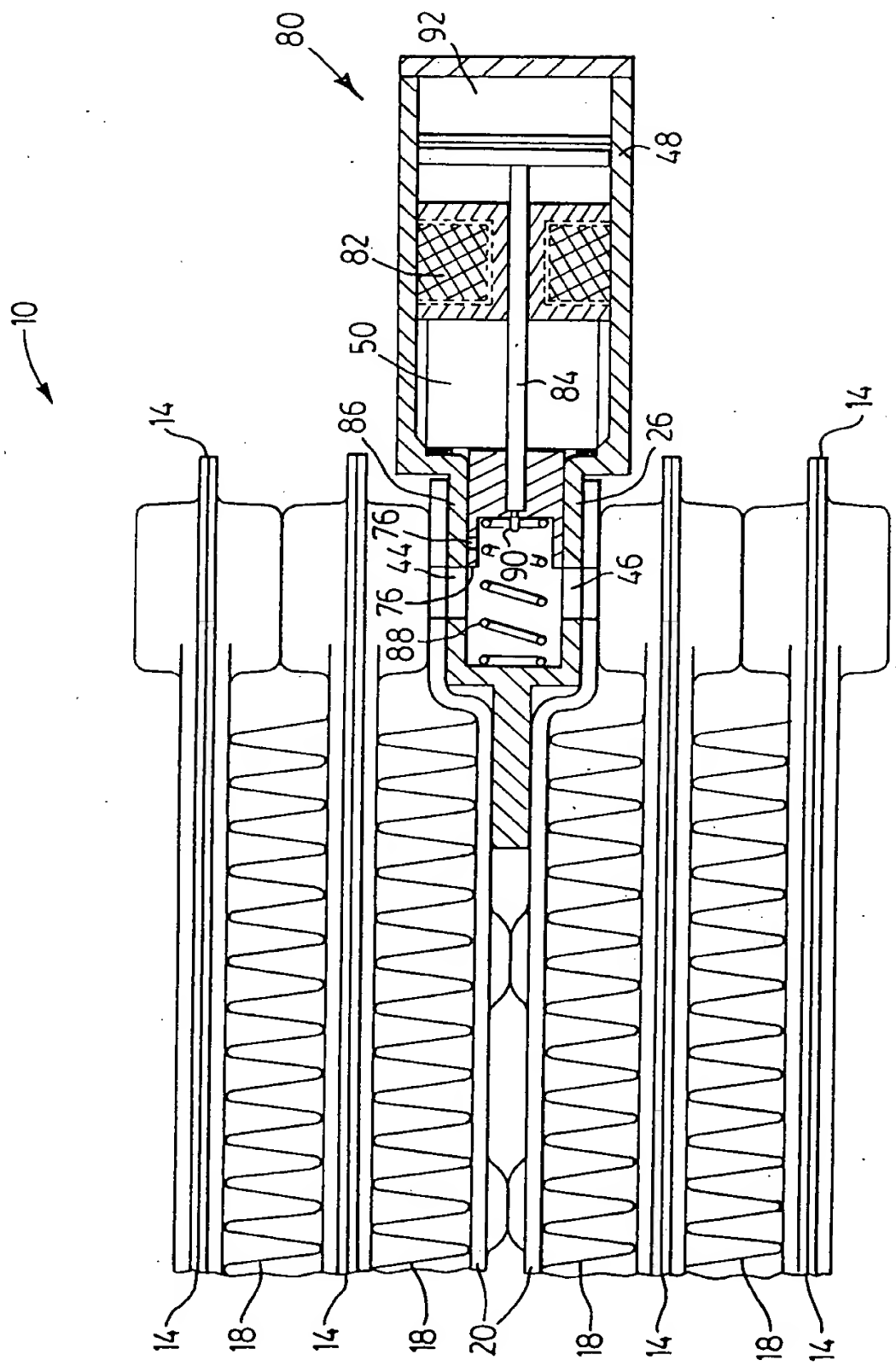
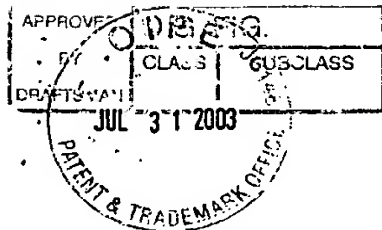


FIG. 7



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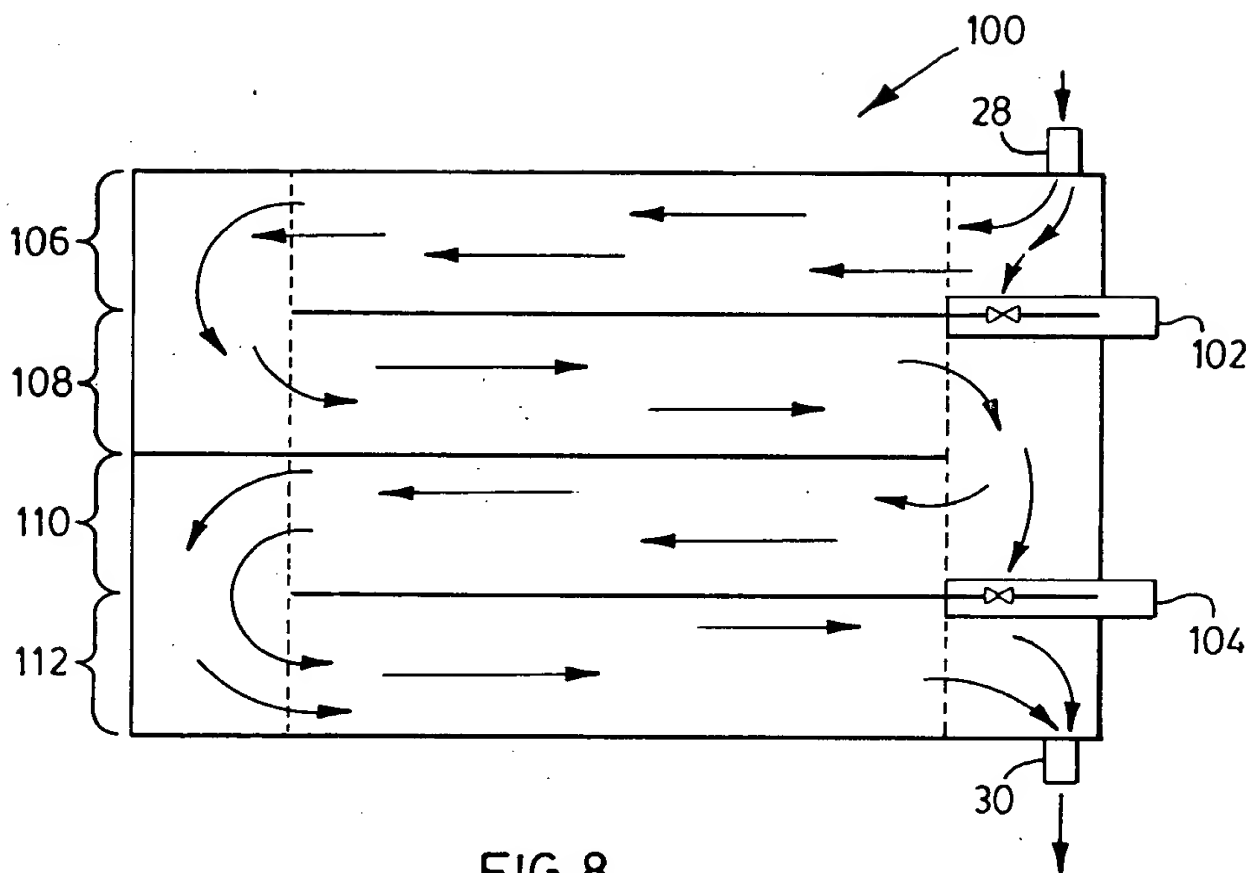


FIG. 8

FIG. 9